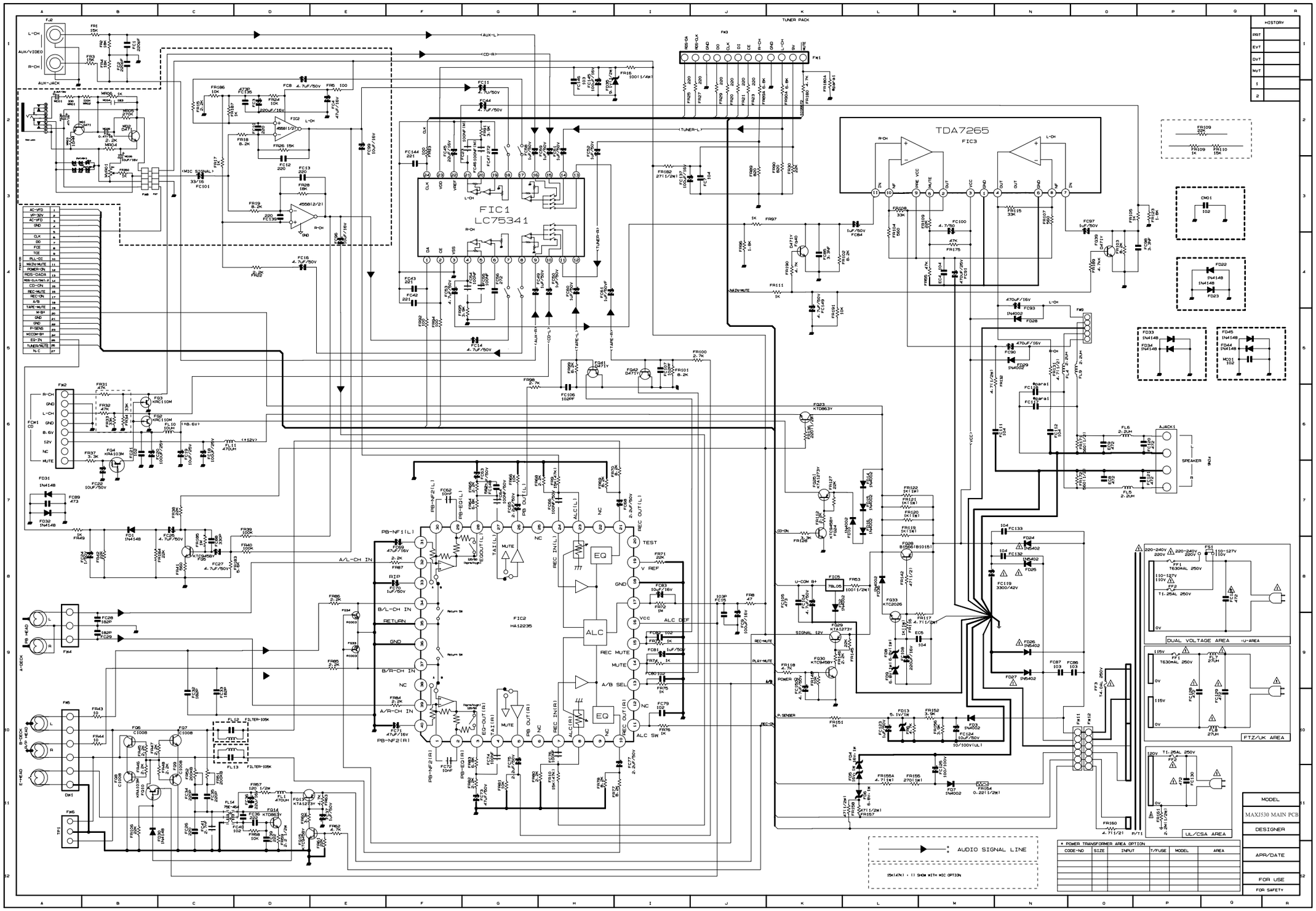
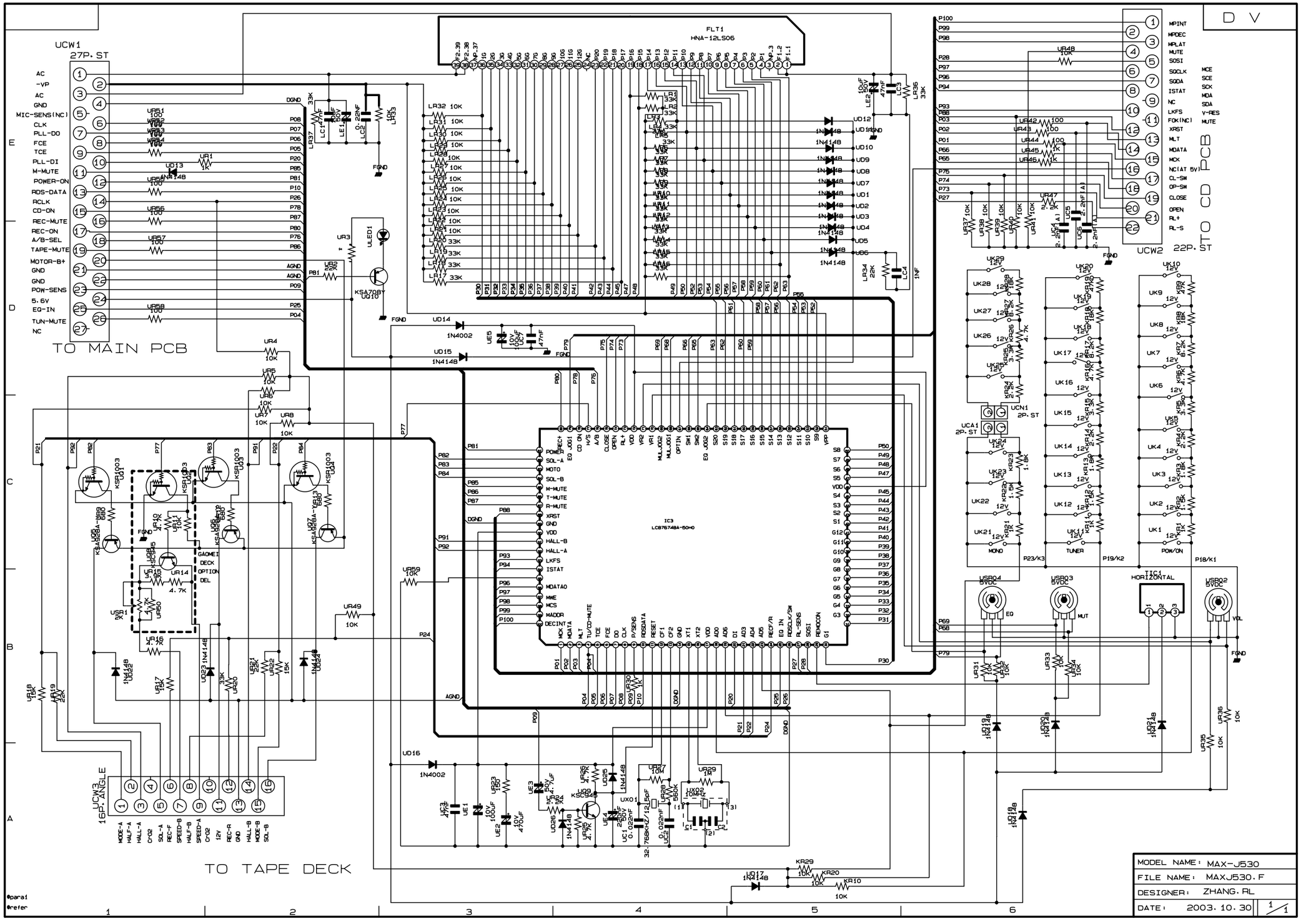
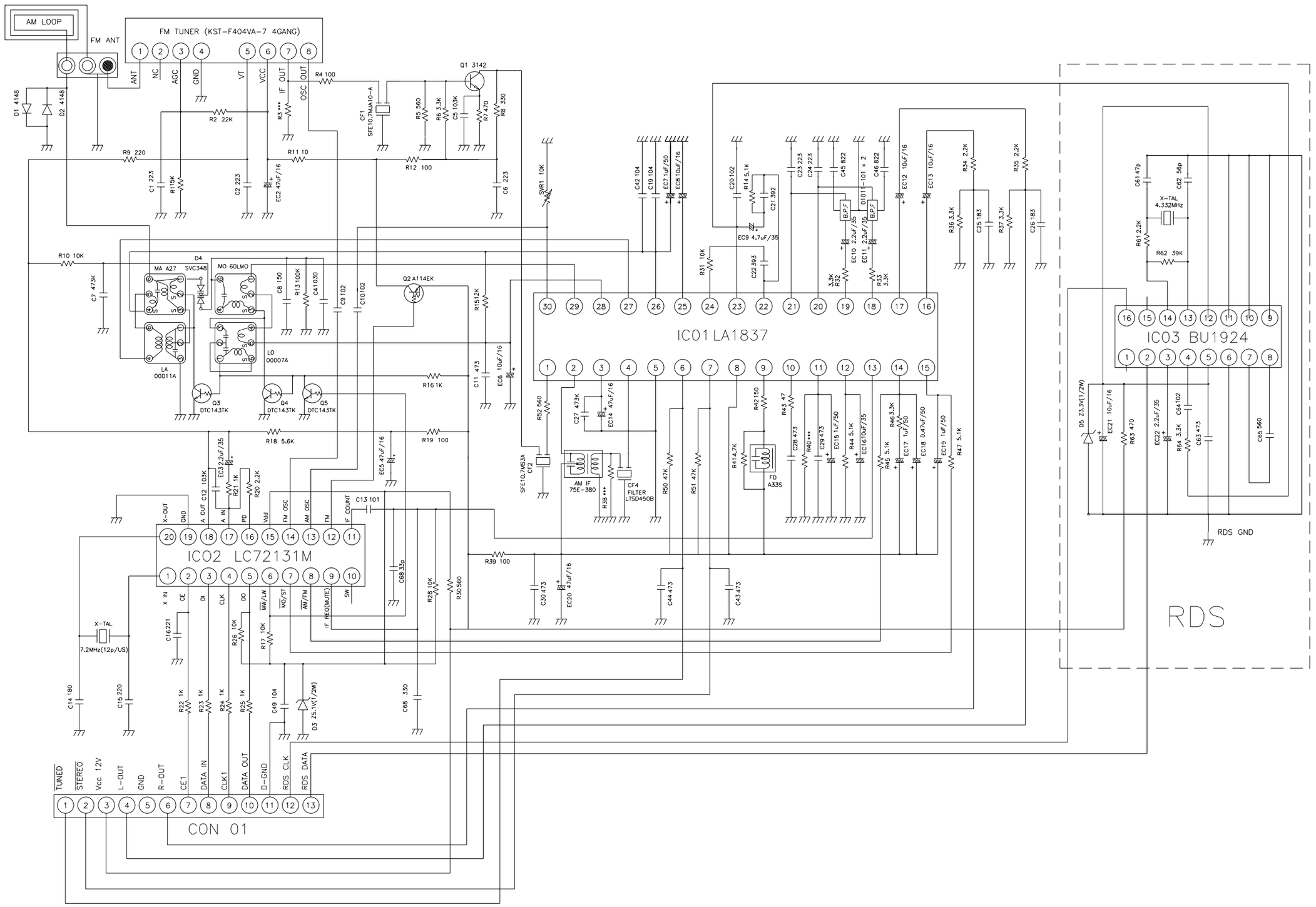
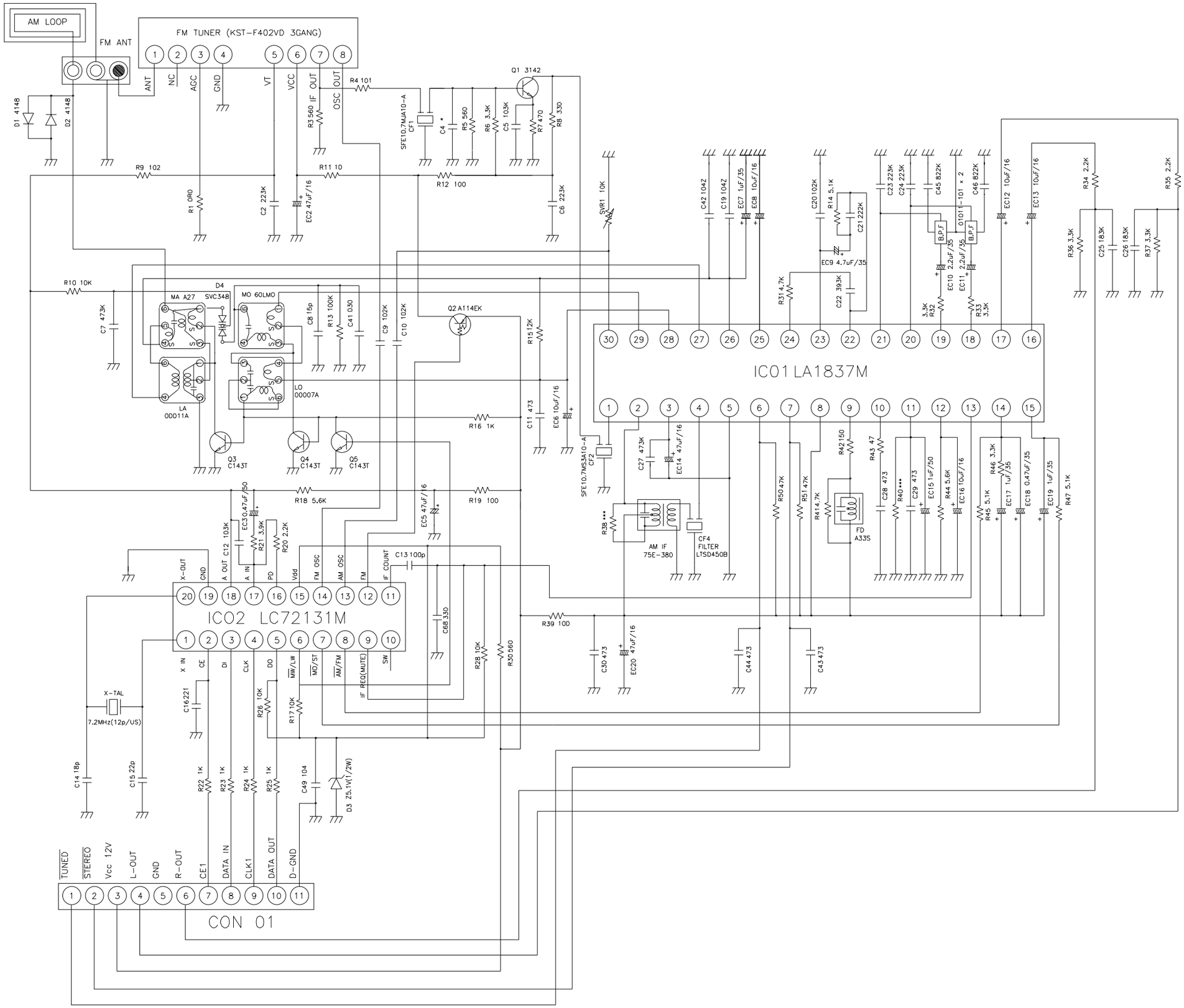
6. Schematic Diagram

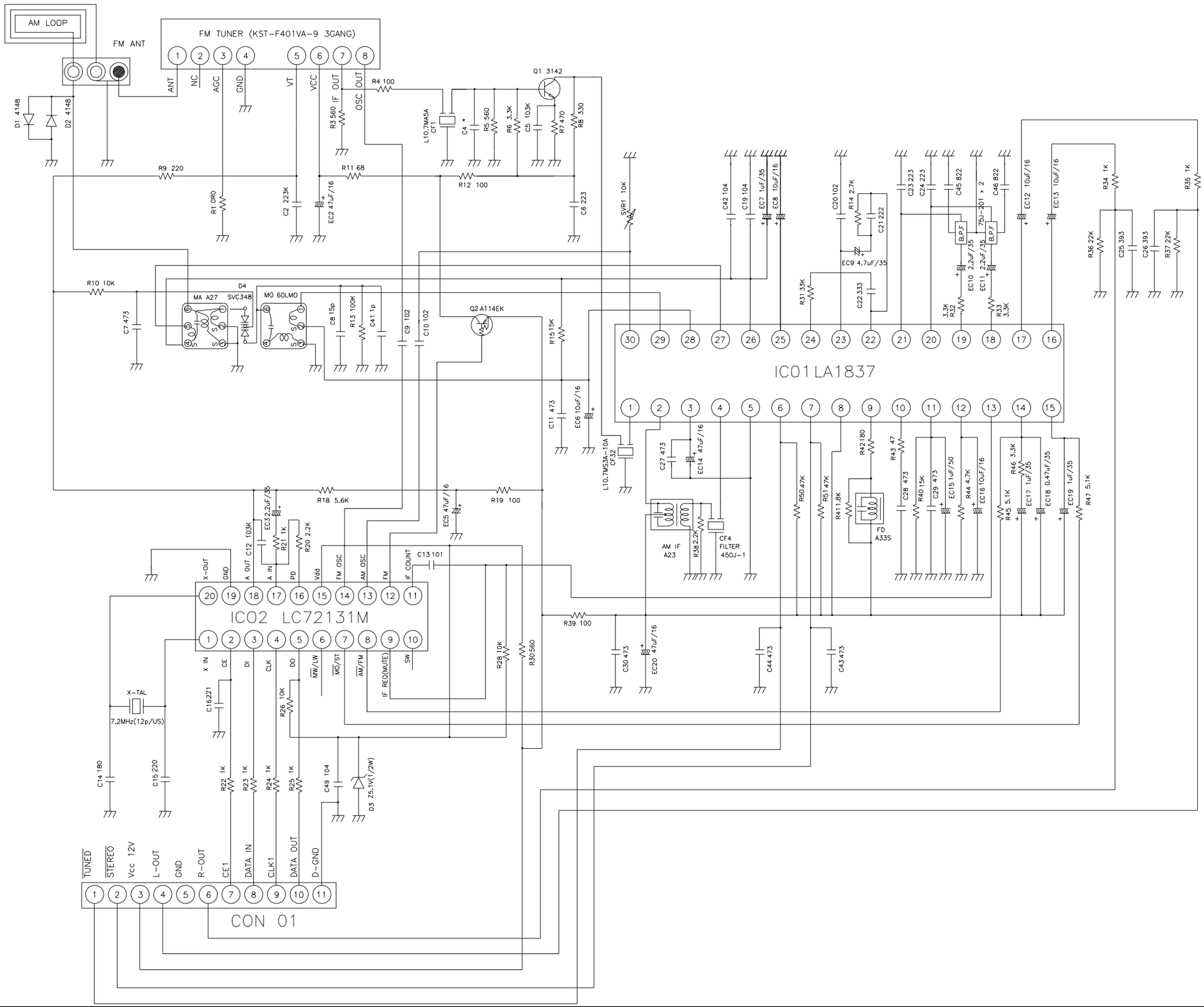
6-1 MAIN




UCW1
27P. ST
TO MAIN PCB
FLT1
HNA-12LS06
IC3
LC876748A-5QH0
UCW2
22P. ST
TO CD PCB
UCW3
16P. ANGLE
TO TAPE DECK
UCN1
2P. ST
UCA1
2P. ST
TUNER
MONO
POW/ON
HORIZONTAL
EQ
MUT
VOL
GADMEI DECK OPTION DEL
MODEL NAME: MAX-J530
FILE NAME: MAXJ530.F
DESIGNER: ZHANG. RL
DATE: 2003. 10. 30


AM LOOP
FM ANT
FM TUNER (KST-F404VA-7 4GANG)
ANT
NC
AGC
GND
VT
VCC
IF OUT
OSC OUT
Q1 3142
D1 4148
D2 4148
R2 22K
R4 100
R9 220
R11 10
R12 100
CF1 SFE10.7MUA10-A
R5 560
R6 5.3K
C5 103K
R7 470
R8 330
C1 223
R115K
C2 223
EC2 47uF/16
C6 223
SVR1 10K
C42 104
C19 104
EC7 1uF/50
EC8 10uF/16
C20 102
R14 5.1K
C21 392
EC9 4.7uF/35
C23 223
C24 223
C45 822
D1011-101 x 2
B.P.F
EC10 2.2uF/35
EC11 2.2uF/35
C46 822
EC12 10uF/16
EC13 10uF/16
R34 2.2K
R35 2.2K
R36 3.3K
C25 183
R37 3.3K
C26 183
R31 10K
3.3K R32
R33 3.3K
R10 10K
C7 473K
D4
MA A27 SVC348
MO 60LMO
C8 150
R13 100K
C41 030
C9 102
C10 102
Q2 A114EK
R151 2K
LA 00D11A
LO 00D07A
Q3 DTC143TK
Q4 DTC143TK
Q5 DTC143TK
C11 473
EC6 10uF/16
R16 1K
R18 5.6K
R19 100
IC01 LA1837
R52 560
C27 473K
EC14 47uF/16
SFE10.7MS3A CF2
AM IF 75E-380
R38 ***
CF4 FILTER LTSD450B
R50 47K
R51 47K
R42 150
R414.7K
FD A33S
R43 47
C28 473
R40 ***
C29 473
EC15 1uF/50
R44 5.1K
EC16 10uF/35
R45 5.1K
R46 3.3K
EC17 1uF/50
EC18 0.47uF/50
EC19 1uF/50
R47 5.1K
C61 47p
C62 56p
X-TAL 4.332MHz
R61 2.2K
R62 39K
IC03 BU1924
D5 23.3V(1/2W)
EC21 10uF/16
R63 470
EC22 2.2uF/35
R64 3.3K
C64 102
C63 473
C65 560
RDS GND
RDS
EC3 2.2uF/35
C12 103K
R21 1K
R20 2.2K
EC5 47uF/16
C13 101
C68 33p
R28 10K
R30 560
R39 100
C30 473
EC20 47uF/16
C44 473
C43 473
IC02 LC72131M
X-TAL
7.2MHz(12p/US)
C16 221
R26 10K
R17 10K
C14 180
C15 220
R22 1K
R23 1K
R24 1K
R25 1K
C49 104
D3 Z5.1V(1/2W)
C68 330
TUNED
STEREO
Vcc 12V
L-OUT
GND
R-OUT
CE1
DATA IN
CLK1
DATA OUT
D-GND
RDS CLK
RDS DATA
CON 01


AM LOOP
FM ANT
FM TUNER (KST-F402VD 3GANG)
ANT
NC
AGC
GND
VT
VCC
IF OUT
OSC OUT
D1 4148
D2 4148
R4 101
Q1 3142
SFE10.7MJA10-A
CF1
C4
R5 560
R6 3.3K
C5 103K
R7 470
R8 330
R3 560
R9 102
R11 10
R12 100
R1 0R0
C2 223K
EC2 47uF/16
C6 223K
SVR1 10K
C42 1042
C19 1042
EC7 1uF/35
EC8 10uF/16
C20 102K
R14 5.1K
C21 222K
EC9 4.7uF/35
C23 223K
C24 223K
C45 822K
B.P.F
EC10 2.2uF/35
EC11 2.2uF/35
C46 822K
0101-101 x 2
EC12 10uF/16
EC13 10uF/16
R34 2.2K
R35 2.2K
R36 3.3K
C25 183K
C26 183K
R37 3.3K
R10 10K
C7 473K
D4
MA A27 SVC348
MO 60LMO
LO 00007A
LA 00D11A
C8 15p
R13 100K
C41 030
C9 102K
C10 102K
Q2 A114EK
R15 12K
R31 4.7K
C22 393K
3.3K R32
R33 3.3K
IC01 LA1837M
C11 473
EC6 10uF/16
R16 1K
Q3 C143T
Q4 C143T
Q5 C143T
SFE10.7MS3A10-A
CF2
C27 473K
EC14 47uF/16
R18 5.6K
R19 100
R38 ***
AM IF 75E-380
CF4 FILTER LTSD450B
R50 47K
R51 47K
R41 4.7K
R42 150
FD A33S
R43 47
C28 473
R40 ***
C29 473
EC15 1uF/50
R44 5.6K
EC16 10uF/16
R46 3.3K
R45 5.1K
EC17 1uF/35
EC18 0.47uF/35
EC19 1uF/35
R47 5.1K
EC3 0.47uF/50
C12 103K
R21 3.9K
R20 2.2K
EC5 47uF/16
C13 100p
C68 330
R39 100
C30 473
EC20 47uF/16
C44 473
C43 473
R28 10K
R30 560
ICO2 LC72131M
X-OUT
GND
A OUT
A IN
PD
Vdd
FM OSC
AM OSC
FM
IF COUNT
X IN
CE
DI
CLK
DO
MW/LW
MO/ST
AM/FM
IF REQ(MUTE)
SW
X-TAL
7.2MHz(12p/US)
C16 221
R26 10K
R17 10K
C14 18p
C15 22p
R22 1K
R23 1K
R24 1K
R25 1K
C49 104
D3 ZS.1V(1/2W)
TUNED
STEREO
Vcc 12V
L-OUT
GND
R-OUT
CE1
DATA IN
CLK1
DATA OUT
D-GND
CON 01


AM LOOP
FM ANT
FM TUNER (KST-F401VA-9 3GANG)
ANT
NC
AGC
GND
VT
VCC
OUT
OSC OUT
D1 4148
D2 4148
R4 100
R3 560 IF OUT
L10.7MA5A CF1
C4
R5 560
R6 3.3K
C5 103K
R7 470
R8 330
Q1 3142
R9 220
R11 68
R12 100
R1 0R0
C2 223K
EC2 47uF/16
C6 223
SVR1 10K
C42 104
C19 104
EC7 1uF/35
EC8 10uF/16
C20 102
R14 2.7K
C21 222
EC9 4.7uF/35
C23 223
C24 223
C45 822
C46 822
B.P.F
75J-201 x 2
EC10 2.2uF/35
EC11 2.2uF/35
R31 3.3K
R32 3.3K
R33 3.3K
C22 333
EC12 10uF/16
EC13 10uF/16
R34 1K
R35 1K
R36 22K
C25 393
C26 393
R37 22K
R10 10K
D4
MA A27 SVC348
MO 60LMO
C7 473
C8 15p
R13 100K
C41 1p
C9 102
C10 102
Q2 A114EK
R15 15K
C11 473
EC6 10uF/16
IC01 LA1837
L10.7MS3A-10A CF32
C27 473
EC14 47uF/16
R42 180
R43 47
C28 473
R40 15K
C29 473
EC15 1uF/50
R44 4.7K
EC16 10uF/16
R46 3.3K
R45 5.1K
EC17 1uF/35
EC18 0.47uF/35
EC19 1uF/35
R47 5.1K
R50 47K
R51 47K
R41 1.8K
FD A33S
AM IF A23
R38 2.2K
CF4 FILTER 450J-1
R18 5.6K
EC3 2.2uF/35
R21 1K
R20 2.2K
EC5 47uF/16
R19 100
C13 101
IC02 LC72131M
X-OUT
GND
A OUT
C12 103K
A IN
PD
Vdd
FM OSC
AM OSC
FM
IF COUNT
X IN
CE
DI
CLK
DO
MW/LW
MD/ST
AM/FM
IF REQ(MUTE)
SW
R39 100
C30 473
EC20 47uF/16
R28 10K
R30 560
C44 473
C43 473
X-TAL
7.2MHz(12p/US)
C16 221
R26 10K
C14 180
C15 220
R22 1K
R23 1K
R24 1K
R25 1K
C49 104
D3 Z5.1V(1/2W)
TUNED
STEREO
Vcc 12V
L-OUT
GND
R-OUT
CE1
DATA IN
CLK1
DATA OUT
D-GND
CON 01